

BYOT System Requirements 2017

The tables of information listed below are designed to assist with any purchasing or selection decisions and will help to ensure that students have the capability to run all school required software.

Minimum Specifications

These are the minimum requirements for the different types of devices. The ultimate purchase decision will also be guided by factors such as budget, weight and the type of tasks that the device will mainly be used for.

Any device chosen must:

- Run the latest version of the Google Chrome web browser
- Sustain a battery charge to last the school day
- Have wi-fi capability of minimum 'g' standard
- Have a built-in camera

Laptops

	Apple	Windows
Processor	Multicore Intel processor	Intel Core 2, or AMD Athlon® 64 processor 2 GHz or faster
Operating system	Mac OS X v10.9, v10.10 or v10.11	Windows 7 with Service Pack 1, Windows 8.1, or Windows 10
Memory	4GB of RAM	4GB of RAM
Storage	128GB with 50% free space	
Display	1280×800 Display 512MB of VRAM	1280×800 Display 512MB of VRAM

Tablets

Screen size	Minimum 200mm - please note that mobile phones are not suitable
Operating system	IOS 8 or 9 Windows 10 Mobile Android Marshmallow 6.0.1
Free space	13Gb for texts, media and data

Chromebooks

The current offerings from HP, Acer and Toshiba are all suitable devices.

Device Comparison Chart

	<p>MACBOOK PRO LAPTOP - \$1250 to \$2500</p> <p>Strengths</p> <ul style="list-style-type: none"> • Powerful computer that now has compatibility with most software • Great for creative pursuits such as video editing <p>Weaknesses</p> <ul style="list-style-type: none"> • Heavier than MacBook Air <p>Macbook laptops are a versatile machine. They have complete compatibility with MS Office and all websites will work on a Mac if the correct browser software is installed.</p>
	<p>MACBOOK AIR - \$1250 to \$2500</p> <p>Strengths</p> <ul style="list-style-type: none"> • Powerful computer in a lightweight and portable shape • Compatible with most file types <p>Weaknesses</p> <ul style="list-style-type: none"> • Have less hard disk storage than a standard laptop. Can be limiting on very large video projects <p>A Macbook Air is a light and portable computer that offers the benefits of the Mac OS. They generally provide great battery life and have processors that provide similar performance to the Macbook Pro. This is a great option for a student who likes working on a Mac.</p>
	<p>iPAD STANDARD / iPAD MINI - \$369 to \$1200</p> <p>Strengths</p> <ul style="list-style-type: none"> • Many students are familiar with iOS • Large number of apps available at low price <p>Weaknesses</p> <ul style="list-style-type: none"> • Will not run Flash-based websites • No USB support • A separate keyboard is recommended, especially for students in the senior school <p>The iPad is a fantastic device that gives the students access to a large selection of software at a very cheap price. They are light and are convenient for browsing the internet. It can be a challenge creating complex documents on this device. There is currently no good solution for accessing websites that require Flash.</p>
	<p>CHROMEBOOK - \$299 to \$700</p> <p>Strengths</p> <ul style="list-style-type: none"> • Economical option • Can do most of the key tasks that students need, especially using Google Apps • Light weight with full keyboard <p>Weaknesses</p> <ul style="list-style-type: none"> • Limited on the more multimedia-oriented creative tasks, such as video editing • Works when offline though is largely limited to having an internet connection <p>This 11-inch laptop is the ultimate in portability with a full size keyboard. It runs on the Chrome OS, and has access to a large number of apps through the Chrome Store. It enables students the efficiency of working in the cloud using Google Apps for Education. In a lot of ways this device has the advantages of a laptop at the price of a tablet.</p>
	<p>WINDOWS LAPTOP - \$400 to \$2500</p> <p>Strengths</p> <ul style="list-style-type: none"> • Great compatibility. Will run more software compared to other operating systems <p>Weaknesses</p> <ul style="list-style-type: none"> • While light versions are available, the cheaper versions can be heavy <p>Windows laptops are some of the most popular devices available. Try to avoid buying very inexpensive machines, as they can be heavier and have poorer battery life. All new devices now run Windows 10 and generally have touch screens that make better use of newer features.</p>

Stage 6 (Year 11 and 12) Device Recommendations Table

Subject	Chromebook	Tablet	Windows Laptop	Apple Laptop
English (all senior strands)	✓	? May suffice, but typing is much easier on a laptop device	✓	✓
HSIE (all senior strands)	✓	? May suffice, but typing is much easier on a laptop device	✓	✓
Mathematics (all senior strands)	✓	✓	✓	✓
Music 1/2	○	○	○	○
Science (all senior strands)	✓	? May suffice, but typing is much easier on a laptop device	✓	✓
Textiles	✓	? May suffice, but typing is much easier on a laptop device	✓	✓
Industrial Tech	✗	✗	✓	✓
Design & Technology	✗	✗	✓	✓
Software Design	○	○	○	○
Visual Arts	○	○	○	○
Senior Languages	✓	? May suffice, but typing is much easier on a laptop device	✓	✓

✓ - Device is suitable for all use in this subject.

✗ - Device is not suitable for use in this subject, usually due to software used that only runs on certain platforms.

○ - Device could be used, though there will be times where faculty devices are provided for students as they contain specific software, which the school does not provide for download to personal devices (students might be able to purchase the software themselves depending on their device).

? - If the student already owns a tablet device it might be suitable, but the creation of large, typed documents such as essays and reports is more easily done using a laptop.